

GEARFICIENT Energy Efficient Solutions

The Grove Gear GEARFICIENT program identifies and promotes energy efficient gearing solutions. The goal of the program is to increase the use of energy efficient power transmission products in order to reduce energy consumption. Through minimizing wasted energy, GEARFICIENT products reliably deliver energy savings and decrease environmental impact.

The GEARFICIENT program sets strict energy efficiency guidelines that precede government efficiency legislation. Grove Gear has worked to determine the rigorous energy performance levels that must be met for a product to earn GEARFICIENT label. Criteria includes:

- Gear reducer exhibits 90% efficiency or greater
- 60% more efficient than a traditional worm gear product
- Drop in replacement to a traditional worm gear product
- Compatible with a premium efficiency motor

Each product must also offer the desired power transmission features while offering a reasonable payback through energy savings. Grove Gear is committed to protecting the integrity of the GEARFICIENT label and regularly tests its products to ensure that they meet the GEARFICIENT standards.



Grove Gear IronMan
E Series Gear Reducers

GROVE GEAR



ELECTRA-GEAR

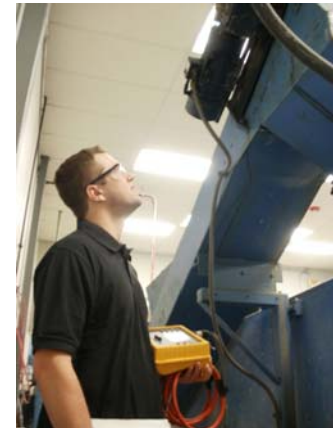
Power Transmission Energy Audits

Grove Gear is currently offering power transmission Energy Audits, a strategic approach to energy management. By identifying inefficient power transmission products throughout a facility, substantial energy savings can be realized. This approach offers a proven energy management strategy that helps in measuring current energy performance, setting goals and tracking savings. During an Energy Audit led by Grove Gear, a skilled professional will show how power transmission products with the GEARFICIENT label can reduce energy consumption and ultimately save money. Grove Gear will help create a plan for superior energy management that engages the appropriate employees throughout the organization, uses standardized measurement tools, and helps an organization prioritize and get the most from its power transmission efficiency investments.

During a Power Transmission Energy Audit, an Energy Expert may:

- Take inventory of all gear reducers and motors in product area
- Provide complete cross reference to energy efficient products
- Calculate per unit and annual plant cost savings
- Determine ROI
- Utilize data collection equipment and software to prove savings
- Work with local utility companies to find available rebates

To schedule a Power Transmission Energy Audit at your facility, contact John Lytle at 262-878-8308 or via email at john.lytle@regalbeloit.com.



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